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ACCEPTED MANUSCRIPT

Chloroplast breakdown during dehydration of a homoiochlorophyllous resurrection plant proceeds via senescence-like processes

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Highlights

- Light absorption is attenuated in dehydrated *C. pumilum* leaves.
- Chloroplasts shrink, fragment and exhibit senescence-like features during dehydration.
- Senescence is avoided by unknown mechanisms, enabling revival of the plants upon rehydration.

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